

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3253	((422/1) or (422/28) or (422/32) or (422/34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 16:43
L2	57	(vessel or chamber or enclosure) with (headspace) with (sensor or sensing or proble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 16:49
L3	4	(ethylene adj oxide) and (2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 16:46
L4	125	(vessel or chamber or enclosure) with (headspace) same(sensor or sensing or proble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 16:45
L5	10	(ethylene adj oxide) and (4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 16:46
L6	1715	(vessel or chamber or enclosure) with (headspace)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 16:51
L7	1753	((422/105) or (422/119)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 16:50
L8	5	6 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 16:50

## EAST Search History

L9	2635	(vessel or chamber or enclosure) same (headspace)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 16:52
L10	7	9 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 16:52
L11	1082	(sensor or probe or sensing or monitor or monitoring) and (9)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 16:53
L12	90	(11) and (ethylene adj oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 16:53
L13	190215	(ethylene adj oxide) or ("C.sub.2H. sub.4O") or (ETO) or (eth) or (EO) or (ETo) or ("E.O.") or (Eto)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 17:01
L14	326073	sterili\$ or disinfect\$ or decontaminat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 17:01
L15	13703366	vaccum or evacuat\$ or pump or reduc\$ or draw\$ or pull\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 17:01
L16	3253	((422/1) or (422/28) or (422/32) or (422/34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 17:01
L17	125931	(degas) or (degassing) or (aerating) or (aeration) or (air adj washing) or (air adj wash)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 17:01

## EAST Search History

L18	1515	L17 and L13 and L14 and L15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 17:01
L19	138	L18 and L16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 17:03
L20	3	(young-william-travis.in.) or (zhu-zhangwu.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 17:04
S1	1	(young-william-travis.in.) or (zhu-zhangwu.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 13:37
S2	15	young-william-.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 16:29
S3	152871	(ethylene adj oxide) or ("C.sub.2H. sub.4O") or (ETO) or (etH) or (EO)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 14:25
S4	10388871	vaccum or evacuat\$ or pump or reduc\$ or draw\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:16
S5	3342741	pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 17:04
S6	1367373	aerat\$ or degass\$ or wash\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 17:05

## EAST Search History

S7	256243	sterili\$ or disinfect\$ or decontaminat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 14:29
S8	2241374	S4 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 17:07
S9	65830	S8 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 17:08
S11	39775	S9 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 17:09
S12	7865	S11 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 17:09
S13	1116408	puls\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 17:10
S14	1395	S13 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 17:11
S15	70402	("422"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 17:11
S16	119	S14 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/28 17:11
S17	11	(young-william-travis.in.) or (zhu-zhangwu.in.) or (Young-William-T.in.) or (Zhu-Zhangwu.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 17:03

## EAST Search History

S18	164592	(ethylene adj oxide) or ("C.sub.2H. sub.4O") or (ETO) or (etH) or (EO) or (ETo) or ("E.O.") or (Eto)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:16
S19	277746	sterili\$ or disinfect\$ or decontaminat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:16
S20	135895	(pressurize or pressurizing or pressurising)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 17:07
S21	1008	inert adj gas adj blanket	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 17:07
S23	38881	(overpressure) or (over adj pressure) or (overpressurizing) or (over adj pressurizing) or (over-pressure) or (over-pressurizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 17:10
S24	1328890	(inert) or (nitrogen) or ("N.sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 17:10
S25	2400	S23 same S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 17:11
S26	8	S25 same S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 17:11
S27	11251	S24 same S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 17:12

## EAST Search History

S28	1324	S27 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 17:13
S30	339	S27 same S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/05 17:13
S31	164592	(ethylene adj oxide) or ("C.sub.2H. sub.4O") or (ETO) or (etH) or (EO) or (ETo) or ("E.O.") or (Eto)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:23
S32	277746	sterili\$ or disinfect\$ or decontaminat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:16
S33	11605932	vaccum or evacuat\$ or pump or reduc\$ or draw\$ or pull\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:18
S34	9338	(inches adj Hg) or (inches adj2 mercury)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:23
S35	3098	S33 with S34	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:19
S36	28	S35 same S31	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:19
S37	400897	(inches adj Hg) or (inches adj2 mercury) or ("in.Hg") or (Pa)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:28

## EAST Search History

S38	17787	S37 with S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:25
S39	62	S38 same S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:25
S40	2978	((422/1) or (422/28) or (422/32) or (422/34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 13:31
S41	622	S40 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:31
S42	27	S41 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:32
S43	349	S40 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:37
S44	143	S43 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:37
S45	34246	warm adj air	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:56

## EAST Search History

S46	10	S44 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:54
S47	39877	warm adj2 air	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:56
S48	11	S47 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 13:56
S49	985377	degassing or degas\$ or exhaust\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:22
S50	167918	(ethylene adj oxide) or ("C.sub.2H. sub.4O") or (ETO) or (etH) or (EO) or (ETo) or ("E.O.") or (Eto) or (sterilant) or (gas adj sterilization)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:23
S51	11073	S50 same S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:24
S52	1512	S51 and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:24
S53	204	S52 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:24
S54	197	S31 and S49 and (pulsing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:59



## EAST Search History

S55	21	S54 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 14:59
S56	668	(S31) and (warm adj air)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:04
S57	14	S56 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:04
S58	26464	S31 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:28
S59	143	S58 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:28
S60	9423	(inches adj Hg) or (inches adj2 mercury) or ("in.Hg")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:28
S61	709	S60 and S31	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:29
S62	27	S61 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:29
S63	105869	Torr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:32

## EAST Search History

S64	4655	S63 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:32
S65	94	S64 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:32
S66	114373	(degas) or (degassing) or (aerating) or (aeration) or (air adj washing) or (air adj wash)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 16:03
S67	1118	S66 and S31 and S32 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 16:05
S68	125	S67 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 13:35
S69	174421	(ethylene adj oxide) or ("C.sub.2H. sub.4O") or (ETO) or (etH) or (EO) or (ETo) or ("E.O.") or (Eto)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 13:35
S70	295440	sterili\$ or disinfect\$ or decontaminat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 13:35
S71	12415152	vaccum or evacuat\$ or pump or reduc\$ or draw\$ or pull\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 13:35
S72	3068	((422/1) or (422/28) or (422/32) or (422/34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/27 16:43

## EAST Search History

S73	118634	(degas) or (degassing) or (aerating) or (aeration) or (air adj washing) or (air adj wash)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 13:35
S74	1187	S73 and S69 and S70 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/18 13:35
S75	128	S74 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 17:01
S76	3	(young-william-travis.in.) or (zhu-zhangwu.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 17:04